The GPE-X323 series is cutting edge, economical linear DC power supplies. The GPE-X323 series features output power from 192 to 217 watts, three independent isolated output channels (for GPE-3323), high resolution, low noise, high reliability, and compact size. The GPE-X323 series has a built-in digital control panel design to replace conventional control method. This unique design allows the GPE-X323 series linear DC power supply to provide users with more efficient functionalities, including set view and key lock so as to expedite the operation process. The key lock function protects DUTs by preventing others from changing voltage and current parameters. Additionally, output key light facilitates users in clearly reading the operational status of power supply.

Tracking Series and Parallel Operation

In addition to independent output channels, the GPE-X323 series provides tracking series and parallel operation (for GPE-3323/GPE-4323). The series and parallel connections allow power supplies to output 32V/6A (parallel connection) and 64V/3A (series connection).

Convenient Function

The GPE-X323 series has a built-in set view and key lock so as to expedite the operation process. The key lock function protects DUTs by preventing others from changing voltage/current parameters.

Remote I/O for output On/Off function

The GPE-X323 Series also provides the analog control (Remote I/O function for external output On/Off control).

FEATURES

- 1/2/3/4 Independent Isolated Output
- 4.3 Inch LCD Display
- Setting & Read Back Resolution 100mV/10mA (*1)
- Output On/off
- Analog Control (Remote I/O) for Output ON/OFF
- Set View Function for Checking an Original V/I Setting During Output On
- Key Lock Function
- Tracking Series and Parallel Operation
- Smart Cooling Fan Achieving Low Noise
- Optional European Jack Type Terminal

APPLICATIONS

- Laboratories and Educational Facilities
- Product Testing and Quality Assurance
- Service Operation and Post-Sales Support
- Product Development and Debugging
## SPECIFICATIONS

<table>
<thead>
<tr>
<th>Output Mode</th>
<th>GPE-4323</th>
<th>GPE-3323</th>
<th>GPE-2323</th>
<th>GPE-1326</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Channel</td>
<td>CH1</td>
<td>CH2</td>
<td>CH3</td>
<td>CH4</td>
</tr>
<tr>
<td>Voltage</td>
<td>0~32V</td>
<td>0~32V</td>
<td>0~5V</td>
<td>0~15V</td>
</tr>
<tr>
<td>Current</td>
<td>0~3A</td>
<td>0~3A</td>
<td>0~1A</td>
<td>0~1A</td>
</tr>
<tr>
<td>Tracking Series Voltage</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Tracking Parallel Current</td>
<td>0~6A</td>
<td>0~6A</td>
<td>0~6A</td>
<td>0~6A</td>
</tr>
</tbody>
</table>

### CONSTANT VOLTAGE OPERATION
- Line Regulation: ≤0.01%±3mV
- Load Regulation: ≤0.01%±3mV (rating current ≤3A); ≤0.02%±5mV (rating current >3A)
- Ripple & Noise: ≤1mVrms (5Hz~1MHz)
- Recovery Time: ≤100µs (50% Load Change, minimum load 0.5A)

### CONSTANT CURRENT OPERATION
- Line Regulation: ≤0.2%±3mA
- Load Regulation: ≤0.2%±3mA
- Ripple & Noise: ≤3mA

### TRACKING OPERATION (CH1, CH2)
- Tracking Error: ≤0.1%±10mV of Master (0~32V) No Load, with Load add load regulation ≤100mV
- Parallel Regulation: Line: ≤0.01%±3mV
- Series Regulation: Load: ≤0.01%±3mV (rating current ≤3A); ≤0.02%±5mV (rating current >3A)
- Ripple & Noise: ≤2mA, 5Hz ~ 1MHz

### CH3 OPERATION FOR (GPE-3323)
- Output Voltage: 5.0V, ±5%
- Output Current: 5A
- Line Regulation: ≤3mV
- Load Regulation: ≤5mA
- Ripple & Noise: 1mVrms (5Hz~1MHz)

### METER
- Voltage Resolution: 100mV (+1)
- Current Resolution: 10mA (+1)
- Setting Accuracy: Voltage (0.1% of reading +30mV), Current (0.3% of reading +6mA)
- Readback Accuracy: Voltage (0.1% of reading +30mV), Current (0.3% of reading +6mA)

### INSULATION
- Chassis and Terminal: 20MΩ or above (DC 500V)
- Chassis and AC Cord: 30MΩ or above (DC 500V)

### ENVIRONMENT CONDITION
- Operation Temp: 0~40°C
- Storage Temp: -10~70°C
- Operating Humidity: ≤80% RH
- Storage Humidity: ≤70% RH

### OTHER
- Power Source: AC100V/120V/220V±10%; 230V (+10%~0%); 50/60Hz
- Dimensions & Weight: 210(W)x 155(H) x 306(D) mm; Approx. 7kg

### ORDERING INFORMATION
- GPE-1326: Single Channel, 192W Linear DC Power Supply
- GPE-2323: 2 Channels, 192W Linear DC Power Supply
- GPE-3323: 3 Channels, 217W Linear DC Power Supply
- GPE-4323: 4 Channels, 212W Linear DC Power Supply

### ACCESSORIES
- User Manual (CD) x 1; Power Cord x 1
- Test Lead GTL-104A x 1; GTL-105 x 1; or European GTL-204A x 1, GTL-203A x 1
- Test Lead GTL-104A x 2; or European GTL-204A x 2
- Test Lead GTL-104A x 3; or European GTL-204A x 3
- Test Lead GTL-104A x 2; GTL-105A x 2 or European GTL-204A x 2, GTL-203A x 2